

Abstract

Methods and apparatus for controlling an HVAC system to more readily meet both the sensible (i.e. temperature) and latent (i.e. moisture removal) cooling loads of an inside space. Briefly, and in one illustrative embodiment, a cooling unit is activated to satisfy the sensible cooling demands of the inside space, and if after the sensible cooling demands have been satisfied, and it is determined that the latent cooling demands have not yet been met, both a cooling unit and a heating unit are activated to help provide additional latent cooling to the inside space. Both the cooling unit and the heating unit may be activated to help minimize the sensible cooling provided to the inside space during the drying cycle.